SEQUENCE LISTING

(1) **GENERAL INFORMATION:**

   (i) **APPLICANT:**   Carl T. Wittwer, Kirk M. Ririe, Randy P. Rasmussen, and David R. Hillyard

   (ii) **TITLE OF INVENTION:**   SYSTEM AND METHOD FOR CARRYING OUT AND MONITORING BIOLOGICAL PROCESSES

   (iii) **NUMBER OF SEQUENCES:** 6

   (iv) **CORRESPONDENCE ADDRESS:**
        (A) **ADDRESSEE:** Thorpe, North & Western
        (B) **STREET:** 9035 South 700 East, Suite 200
        (C) **CITY:** Sandy
        (D) **STATE:** Utah
        (E) **COUNTRY:** USA
        (F) **ZIP:** 84070

   (v) **COMPUTER READABLE FORM:**
        (A) **MEDIUM TYPE:** Diskette, 3.5 inch, 1.4 Mb storage
        (B) **COMPUTER:** Toshiba 200CDS
        (C) **OPERATING SYSTEM:** DOS 7.0
        (D) **SOFTWARE:** Word Perfect 7.0

   (vi) **CURRENT APPLICATION DATA:**
        (A) **APPLICATION NUMBER:**
        (B) **FILING DATE:** June 4, 1997
        (C) **CLASSIFICATION:**

   (vii) **PRIOR APPLICATION DATA:**
        (A) **APPLICATION NUMBER:**
        (B) **FILING DATE:**

   (viii) **ATTORNEY/AGENT INFORMATION:**
        (A) **NAME:** Grant R. Clayton
        (B) **REGISTRATION NUMBER:** 32,462
        (C) **REFERENCE/DOCKET NUMBER:** 8616CIP5

   (ix) **TELECOMMUNICATION INFORMATION:**
        (A) **TELEPHONE:** (801)566-6633
        (B) **TELEFAX:** (801)566-0750

(2) **INFORMATION FOR SEQ ID NO:1:**

   (i) **SEQUENCE CHARACTERISTICS:**

(A) **LENGTH:** 20
            (B) **TYPE:** nucleic acid
            (C) **STRANDEDNESS:** single-stranded
            (D) **TOPOLOGY:** linear

    (xi) **SEQUENCE DESCRIPTION:** SEQ ID NO:1:

CGTGGTGGAC TTCTCTCAAT 20

(2) **INFORMATION FOR SEQ ID NO:2:**

    (i) **SEQUENCE CHARACTERISTICS:**
            (A) **LENGTH:** 20
            (B) **TYPE:** nucleic acid
            (C) **STRANDEDNESS:** single-stranded
            (D) **TOPOLOGY:** linear

    (xi) **SEQUENCE DESCRIPTION:** SEQ ID NO:2:

AGAAGATGAG GCATAGCAGC 20

(2) **INFORMATION FOR SEQ ID NO:3:**

    (i) **SEQUENCE CHARACTERISTICS:**
            (A) **LENGTH:** 35
            (B) **TYPE:** nucleic acid
            (C) **STRANDEDNESS:** single-stranded
            (D) **TOPOLOGY:** linear

    (xi) **SEQUENCE DESCRIPTION:** SEQ ID NO:3:

CAAACAGACA CCATGGTGCA CCTGACTCCT GAGGA 35

(2) **INFORMATION FOR SEQ ID NO:4:**

    (i) **SEQUENCE CHARACTERISTICS:**
            (A) **LENGTH:** 30
            (B) **TYPE:** nucleic acid
            (C) **STRANDEDNESS:** single-stranded
            (D) **TOPOLOGY:** linear

    (xi) **SEQUENCE DESCRIPTION:** SEQ ID NO:4:

AAGTCTGCCG TTACTGCCCT GTGGGGCAAG 30

(2) **INFORMATION FOR SEQ ID NO:5:**

   (i) **SEQUENCE CHARACTERISTICS:**
            (A) **LENGTH:** 22
            (B) **TYPE:** nucleic acid
            (C) **STRANDEDNESS:** single-stranded
            (D) **TOPOLOGY:** linear

   (xi) **SEQUENCE DESCRIPTION:** SEQ ID NO:5:

GGTTGGCCAA TCTACTCCCA GG 22

(2) **INFORMATION FOR SEQ ID NO:6:**

   (i) **SEQUENCE CHARACTERISTICS:**
            (A) **LENGTH:** 20
            (B) **TYPE:** nucleic acid
            (C) **STRANDEDNESS:** single-stranded
            (D) **TOPOLOGY:** linear

   (xi) **SEQUENCE DESCRIPTION:** SEQ ID NO:6:

GCTCACTCAG TGTGGCAAAG 20